

Converting Colors

$Y_{xy}(57.4400, 0.2988, 0.3060)$

Have a look what the booklet for
Yxy(57.4400, 0.2988, 0.3060)
contains.

Yxy(57.4559, 0.2985, 0.3055)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.4559, 0.2985, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6DA
RGB	198, 198, 218
RGB Percent	78%, 78%, 85%
CMY	0.2235, 0.2235, 0.1450
CMYK	0.09, 0.09, 0.00, 0.15
HSL	240°, 21%, 82%
HSV	240°, 9%, 85%
XYZ	56.1394, 57.4559, 74.4764
YIQ	200.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

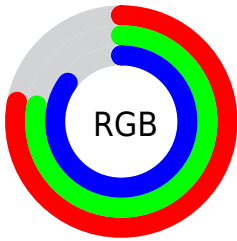
Format	Color
R _Y B	198, 198, 218
Decimal	13027034
CIE Lab	80.44, 3.84, -9.95
CIE LCh	80, 10.667, 291.126
Yxy	57.4559, 0.2985, 0.3055
Android (android.graphics.Color)	4291217114 (0xFFC6C6DA)
YUV	200.2800, 8.7360, -1.9996
Hunter-Lab	75.7997, -0.4472, -5.1952

Details

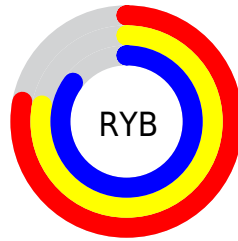
The Yxy color **57.4559, 0.2985, 0.3055** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1391, 0.3263, 0.3515**, and the grayscale version is **57.8902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.5202, 0.2948, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **45.4475, 0.2810, 0.2766**, and if you desaturate by 10%, it is **71.3295, 0.3139, 0.3309**.

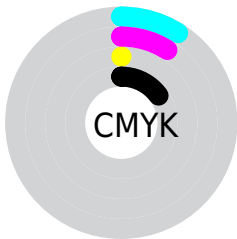
Distribution



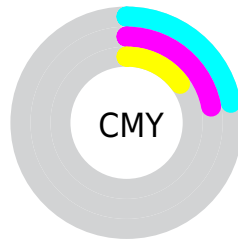
- Red (78%)
- Green (78%)
- Blue (85%)



- Red (78%)
- Yellow (78%)
- Blue (85%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4559, 0.2985, 0.3055 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.4559, 0.2985, 0.3055 by changing the saturation by 10% instead.

■ 57.4559, 0.2985,
0.3055

■ 57.4559, 0.2985,
0.3055

415.1554, 0.3054,
0.3167

■ 41.3714, 0.2968,
0.3028

101.1301, 0.3010,
0.3095

■ 28.6094, 0.2948,
0.2995

129.4886, 0.3019,
0.3110

■ 18.7855, 0.2921,
0.2952

162.7071, 0.3027,
0.3123

■ 11.5154, 0.2884,
0.2895

201.1702, 0.3034,
0.3134

■ 6.4146, 0.2832,
0.2814

245.2622, 0.3040,
0.3144

■ 3.0988, 0.2751,
0.2692

295.3675, 0.3045,

■ 1.1835, 0.2613,

0.3153

0.2488

351.8704, 0.3050,
0.3160

0.0482, 0.1492,
0.0515

0.0000, 0.0000,
0.0000

57.4559, 0.2985,
0.3055

57.4559, 0.2985,
0.3055

45.4475, 0.2810,
0.2766

71.3295, 0.3139,
0.3309

35.2181, 0.2616,
0.2445

87.1355, 0.3273,
0.3530

26.6852, 0.2406,
0.2098

97.8432, 0.3345,
0.3651

19.7572, 0.2190,
0.1741

■ 14.3338, 0.1981,
0.1395

■ 10.3033, 0.1795,
0.1087

■ 7.5388, 0.1648,
0.0844

■ 5.8901, 0.1551,
0.0685

■ 5.1143, 0.1503,
0.0605

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4559, 0.2891, 0.3078



57.4559, 0.2985, 0.3055



57.4559, 0.3118, 0.3092

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4559, 0.2985, 0.3055



57.4559, 0.3402, 0.3412



57.4559, 0.2996, 0.3405

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.4559, 0.2985, 0.3055



69.1391, 0.3263, 0.3515

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.4559, 0.3131, 0.3500



57.4559, 0.2985, 0.3055



57.4559, 0.3367, 0.3501

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4559, 0.2985, 0.3055



57.4559, 0.3362, 0.3294



57.4559, 0.3267, 0.3535



57.4559, 0.2898, 0.3279

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4559, 0.2985, 0.3055



57.4559, 0.3213, 0.3145



57.4559, 0.3267, 0.3535



57.4559, 0.3039, 0.3442

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.4583, 0.2985, 0.3055



93.7947, 0.3082, 0.3216



67.2065, 0.2988, 0.3293



19.7300, 0.3070, 0.3195



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4583, 0.2985, 0.3055



78.4570, 0.2953, 0.3002



58.8139, 0.3058, 0.3060



12.6177, 0.2981, 0.3048



3.0335, 0.1500, 0.0600



0.1967, 0.1500, 0.0601

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.3739, 0.3287, 0.3290



81.7145, 0.3324, 0.3291



67.6923, 0.3191, 0.3520



13.0516, 0.3292, 0.3290



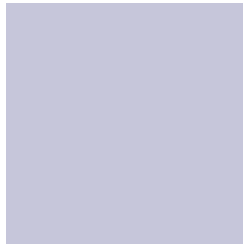
8.9300, 0.6400, 0.3300



0.5785, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 57.4559, 0.2985, 0.3055 looks on a white background.

Color Contrast Check

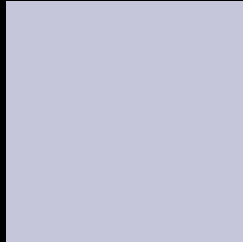
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.4559, 0.2985, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

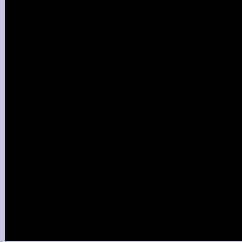
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

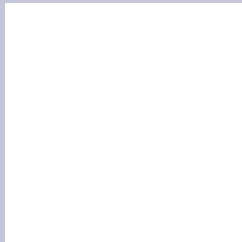
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4559, 0.2985, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 57.4559, 0.2985, 0.3055.

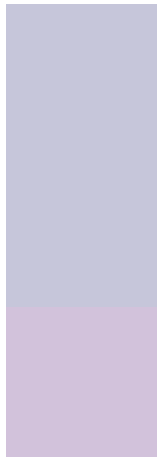


This preview shows how white text looks on a background with the Yxy color 57.4559, 0.2985, 0.3055.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.4559, 0.2985, 0.3055

Protanopia

57.4559, 0.2985, 0.3055

Deuteranopia

57.3997, 0.3070, 0.3004



Tritanopia

57.5722, 0.3005, 0.3113

Trichromacy



Original Color

57.4559, 0.2985, 0.3055

Protanomaly

57.4559, 0.2985, 0.3055

Deuteranomaly

57.2665, 0.3039, 0.3013

Tritanomaly

57.6235, 0.2998, 0.3101

Monochromacy



Original Color

57.4559, 0.2985, 0.3055

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4940, 0.3070, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4559, 0.2985, 0.3055 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 198, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 198, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 218) }
```

Border

The CSS property to change the border of an element to Yxy 57.4559, 0.2985, 0.3055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 198, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 198, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 198, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 218);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4559, 0.2985, 0.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
198, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor